

IN THE CLAIMS:

Please cancel Claims 4 and 10 without prejudice or disclaimer of subject matter. Please amend Claims 1, 5, 7 11, and 13 as follows. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, comprising:

detection means for detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

comparing means for comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value; [[and]]

~~control means for controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained by said comparing means;~~

storage means for storing a first coordinate value detected by said detection means at a first time point in an any period; and

control means for controlling outputting of a difference between the first coordinate value and a second coordinate value detected by said detection means after the first time point.
2. (Original) The apparatus according to claim 1, wherein said control means outputs the coordinate values in the second and third dimensions on the basis of the comparison result obtained by said comparing means.

3. (Original) The apparatus according to claim 1, wherein if the coordinate value in the first dimension is not more than a predetermined value, said control means outputs the coordinate values in the second and third dimensions.

4. (Cancelled).

5. (Currently Amended) The apparatus according to claim 1, wherein ~~said control means comprises storage means for storing a~~ stores the first three-dimensional coordinate value detected by said detection means at a first time point in an any period when the coordinate value in the first dimension is not less than a predetermined value, ~~and controls outputting of a difference between a second three-dimensional coordinate value detected by said detection means after the first time point and the first three-dimensional coordinate value.~~

6. (Original) The apparatus according to claim 1, wherein said control means further outputs the comparison result obtained by said comparing means.

7. (Currently Amended) A control method for a coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, comprising:

a detection step of detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

a comparing step of comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value; [[and]]

~~a control step of controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained in the comparing step;~~

a storage step for storing a first coordinate value detected in the detection step at a first time point in an any period; and

a control step for controlling outputting of a difference between the first coordinate value and a second coordinate value detected in the detection step after the first time point.

8. (Original) The method according to claim 7, wherein in the control step, the coordinate values in the second and third dimensions are output on the basis of the comparison result obtained in the comparing step.

9. (Original) The method according to claim 7, wherein in the control step, if the coordinate value in the first dimension is not more than a predetermined value, the coordinate values in the second and third dimensions are output.

10. (Cancelled).

11. (Currently Amended) The method according to claim 7, wherein ~~the control step comprises the storage step of storing a~~ stores the first three-dimensional coordinate value detected in the detection step at a first time point in an any period when the coordinate value in the first dimension is not less than a predetermined value, ~~and outputting of a difference between a second three-dimensional coordinate value detected in~~

~~the detection step after the first time point and the first three-dimensional coordinate value is controlled.~~

12. (Original) The method according to claim 7, wherein in the control step, the comparison result obtained in the comparing step is further output.

13. (Currently Amended) A computer-readable memory storing a program code for controlling a coordinate input apparatus which detects three-dimensional position coordinates of an indicating tool, wherein the program code comprises:

a program code for a detection step of detecting a three-dimensional coordinate value of the indicating tool which is defined in first, second, and third dimensions;

a program code for a comparing step of comparing a coordinate value in the first dimension of the three-dimensional coordinate value with a predetermined value;
[[and]]

~~a program code for a control step of controlling outputting of coordinate values in the second and third dimensions on the basis of the comparison result obtained in the comparing step.~~

a program code for a storage step for storing a first coordinate value detected in the detection step at a first time point in an any period; and

a program code for a control step for controlling outputting of the first coordinate value and a difference between a second coordinate value detected in the detection step after the first time point.

14. (Previously Presented) The apparatus according to claim 1, further comprising display means, and wherein said first dimension is a vertical direction for a display screen of said display means.

15. (Previously Presented) The method according to claim 7, wherein said coordinate input apparatus further comprises a display means, and wherein said first dimension is a vertical direction for a display screen of said display means.